Invitation 2017

World Forum
for Ethics in Business

MAX-PLANCK-GESELLSCHAFT

The Munich Conference Series on Ethics in Innovation

"Information and Communication Technologies"

26 – 27 June 2017

DPMAforum, German Patent and Trade Mark Office

Munich, Germany

In partnership with:

Europäisches Patentamt
European Patent Office
Office européen des brevets

Technical University of Munich

TUM

German Patent and Trade Mark Office

CONFERENCE PROGRAM

Innovation 4.0: Shaping a humane fourth digital revolution

We are global, we are fast, we are digital. And as the world we know is changing at an incredible pace, there are predictions that 40% of the world's leading companies will not exist in a meaningful way after the next decade if they do not adequately prepare themselves for this era. Undoubtedly, the fourth industrial revolution is about to create a world in which virtual and physical systems cooperate with each other in a flexible way. It is changing how we work, live and relate to one another - and the very essence of what it means to be humane.

Recognizing this imperative need to discuss and redefine ethical standards and regulations in innovation and the leadership styles required across all sectors, the Max Planck Institute for Innovation and Competition and the World Forum for Ethics in Business in partnership with the European Patent Office, the German Patent and Trade Mark Office and the Peter Löscher Chair for Business Ethics at the Technical University of Munich are organizing a series of conferences titled the 'Munich Conference Series on Ethics in Innovation.'

The first conference in this series will take place from 26-27 June 2017 at the German Patent and Trade Mark Office in Munich and will focus on Information and Communication Technologies with special emphasis on innovations in the digital age, including artificial intelligence, internet of things and big data.

The conference will bring together 300 global thinkers and leading experts from academics, business, politics and NGOs and will address central questions such as:

- Innovation 4.0: Can growth really be the main guiding principle of the fourth digital revolution? How can we ensure that this revolution is empowering and human-centred, rather than divisive and dehumanizing?
- Leadership 4.0: What type of leadership is needed for organizations to be able to innovate and transform in the speed needed?
- Education 4.0: Can value-based education be an answer to the need for adequate leadership?
- CSR 4.0: How can we assure that the fourth industrial revolution does not devour its own children but actually creates shared value?

CONFERENCE PROGRAM

Structure & Topics

The first Munich Conference on Ethics in Innovation will address several fundamental questions that cut across traditional disciplinary barriers and calls for an open, multi-disciplinary, and multi-stakeholder discussion. Day 1 of the conference outlines the most fundamental questions of ethics and innovation from the perspective of disciplines and discourses that affect all segments of human life. The questions considered on Day 1 of the conference include, but are not limited to, the following: Is there a 'common minimum' ethical value system that binds us as a human society? What are the socio-cultural and economic consequences, if any, of labelling certain material and immaterial creations as 'innovations' and not others? What role do ethical concerns play in the life and work of those engaged in some of the most groundbreaking innovations? What approaches to education can help nurture both ethical and innovative outlooks in individuals from diverse cultures? In what circumstances can people of one culture accept and embrace innovations from other cultures? Can such acceptance lead to greater communal harmony and secular yet economically prosperous living? Can innovations in the digital age serve to bring diverse cultures closer together in a democratic and secular framework? Is there a need to regulate innovations that might have an opposite effect?

Day 2 focuses on issues of ethics and innovation in a specific field, namely, information and communication technologies. The questions to be considered include means of promoting equitable and inclusive innovations in the ICT sector globally, inter alia, by ensuring equitable access to venture and seed capital funding; means of promoting innovations in the digital field that are supportive of larger societal goals such as democracy, peace, sustainability and inter-cultural harmony, means/need of regulating content in online media, issues of ethics linked to artificial intelligence and the internet of thigs, and adoption of means inclusive and exclusive of traditional intellectual property protection to promote, recognize and disseminate innovations emerging from diverse socio-cultural and economic contexts.

To ensure a rich multi-cultural and multi-stakeholder discussion of these issues, engaging experts as well as students and young professionals from diverse disciplinary fields from across the globe, the first Munich Conference Series on Ethics in Innovation is split into two segments:

- The World Youth Forum for Ethics in Innovation (WYF 2017) from 23-25 June 2017, at the Max Planck Institute for Innovation & Competition, Munich. For more information on the concept and program of WYF 2017, please visit www.wfeb.org.
- The multi-stakeholder conference on Ethics in Innovation (EII Conference) from 26-27 June 2017, at the German Patent and Trade Mark Office, Munich. More details available at www.wfeb.org.

Ethics in Innovation Conference 2017

CONFERENCE SCHEDULE: 26 June 2017

08:00 – 09:00   Registration

09:00 – 09:20   Welcome & Introduction

Ethics & Innovation: What We Knew Then, What We Know Now

09:20 – 10:20   Keynote Panel: 'Ethics' and 'Innovation'- Revisiting the Foundations

10:20 – 11:30   World Youth Forum Student Panel (I)

11:30 – 11:45   Breathe Deep! Relaxation Quarter

11:45 – 12:00   Tea/Coffee Break

12:00 - 12:30   Call of the Youth (I)

12:30 - 13:15   Open Q & A

13:15 - 14:15   Lunch

14:15 – 15:45   Panel II: Continuing Education for Ethics in Innovations

15:45 – 16:00   Relax! Meditation Quarter

16:00 – 16:15   Coffee/Tea Break

16:15 – 17:45   Panel III: Regulations for Ethical Innovations

17:45 – 18:00   Recap! Reflection Quarter

18:00-19:00   Conference Dinner (for speakers/organizers/WYF Delegates)

19:15-21:00   Cultural Programs & Public Talk with Sri Sri Ravi Shankar*
(hosted by the Technical University of Munich @ TUM Audimax)

Ethics in Innovation Conference 2017

CONFERENCE SCHEDULE: 27 June 2017

8:30 – 9:00   Registration

Ethics & Innovation in the 21st Century ICT Sector

9:00 – 10:30   Panel IV: Ethics and Digitization

10:30 - 10:45   Breathe Deep! Relaxation Quarter

10:45 - 11:00   Tea/Coffee Break

11:00 – 12:30   Panel V: Ethics, Economics and Artificial Intelligence

12:30 – 13:45   Lunch

13:45 – 15:15   Panel VI: Information, Innovation and the Internet of Things

15:15 – 15:30   Relax! Meditation Quarter

15:30 – 15:45   Tea/Coffee Break

15:45 – 17:15   Panel VII: Access, Affordability & Participation: Promoting Sustainable & Inclusive Innovations

17:15 – 17:45   World Youth Forum Student Panel (II)

17:45 – 18:30   Expert Group Discussion & Conference Closing

Ethics in Innovation Conference 2017

CONFERENCE PROGRAM: 26 June 2017

08:00-09:00: Registration

09:00 – 09:30: Welcome & Introduction

- **Mrs. Cornelia Rudloff-Schäffer**, President, German Patent and Trade Mark Office
- **Prof. Dr. Josef Drexl, Director**, Max Planck Institute for Innovation & Competition
- **Prof. Dr. Christoph Lütge**, Peter Löscher Chair for Business Ethics, Technical University of Munich
- **Mrs. Rajita Kulkarni**, President, World Forum for Ethics in Business

Ethics & Innovation: What We Knew Then, What We Know Now

09:30 – 10:30: Keynote Panel

The Keynote Panel of the conference brings together some of the world's most renowned humanitarians, philosophers, academics and innovators to share their views on fundamental human values, principles, practices and concepts that lie at the very root of the terms 'ethics' and 'innovation,' and their interface with business, economics and peaceful multi-cultural living in the 21st century global village.

10:30 – 11:00:   World Youth Forum Student Panel (I)

11:00 – 11:30   Panel Discussion and Q&A

11:30 – 11:45   Breathe Deep! Relaxation Quarter

11:45 – 12:00   Tea/Coffee Break

12:00 – 13:15   Panel I: Science, Ethics & Innovation - The Common Ground

Panel I will look into what modern science has to say about 'ethics' and 'innovation' and what circumstances enhance or nurture these aspects of human psyche. It also seeks to understand how researchers engaged in 'controversial' areas of scientific research view ethical concerns of society linked to their research.

13:15 – 14:15   Lunch

14:15 – 15:45   Panel II: Continuing Education for Ethics in Innovations

Although innovation is often a word associated with industries and corporations, at the center of any innovation is an individual person - either as an originator, developer, funder or disseminator of an idea, invention or creation. That human race is innovative is undoubtedly true, and more so today than perhaps ever before. In fact, some believe that given adequate education and opportunity, every member of society is a potential innovator. Accordingly, systems and approaches to education are being reevaluated and restructured acknowledging that 'information alone is not education.' Systems of education that are aimed at maintaining, nurturing and bringing forth the innovativeness inherent in human beings, are gaining acceptance and even popularity, not only at the level of primary education, but also in the form of continuing education in Universities and work places. The second panel of the EII Conference, therefore, looks at new or evolving understanding, approaches and systems of (continuing) education, that are primarily aimed at nurturing an ethically rooted, innovative individual.

Ethics in Innovation Conference 2017

15:45 – 16:00   Relax! Meditation Quarter

16:00 – 16:15   Coffee/Tea Break

16:15 – 17:45   Panel III: Regulations for Ethical Innovations

As the concept of ethics and innovation changes within plural, global societies and economy, the legal and regulatory environment which may often be slower in acknowledging, and therefore responding to these changes, needs also to be continually revised and re-assessed. In this process, each of the considerations discussed in the previous panels need to be taken into account, along with practical economic considerations. The final panel of the first day will bring together speakers engaged actively in government or legal/ economic policy research to understand current and emerging frameworks for governance and regulation in the field of ethics and innovation.

17:45 – 18:00   Recap! Reflection Quarter

Ethics in Innovation Conference 2017

CONFERENCE PROGRAM. 27 June 2017

Ethics & Innovation in the 21st Century ICT Sector

While seeking to expand the discourse and dialogue pertaining to innovation to include a multi-disciplinary and multi-cultural understanding of ethics within its rubric, it is necessary to also bear in mind that ethics should not be seen as a 'brake', as something to slow down innovation. Ethics should also be seen as promoting both entrepreneurial spirit, as well as the spread of new ideas, each of which is in the interest of companies. In fact, in the globalized world, ethics in business has acquired proportions larger than personal ethos or virtues, in part due to changing laws and regulations (as discussed in Panel III), and in part, as a response to societal awakening and corresponding change in public expectations and demands.

Day 2 of the Conference seeks to highlight issues of ethics that uniquely underly the present day information and communication technologies, including the manner in which the present day socio-cultural and political environment influences, and in turn is influenced by, these technologies. While some of these issues are already commonly known and discussed, others are either 'hidden' or 'unknown' or are so recent in their origin that they are yet to become part of mainstream media or academic discourse. The panels of Day 2 of the conference invite speaker-experts from the government, industry and academia who are most informed about the current and emerging ethical issues underlying the creation, use and dissemination of the latest information and communication technologies.

09:00 - 10:30   Panel IV: Ethics and Digitization

The internet has made innovation and creativity a household name in the 21st century. It has also made knowledge, information and innovations accessible from all corners of the globe, irrespective of the place of their origin. Needless to say, this free flow of information and innovations has changed the way we relate with one another on a daily basis. It has also broadened our perspectives and horizons like never before: We not only know more about how people live, think and feel in the remotest regions of the world, but are also able to access products and services from these regions on the click of a mouse. At the same time, as digital innovation responds to increasingly diverse demand sets, including, particularly, the demand for knowledge and information, it also influences broader social and political goals such as democracy, secular outlook, inter-cultural harmony and diversity. The issue of regulating the digital environment, by balancing the interest of diverse interest groups and cultures on the one hand, and larger goals of social harmony and inclusive growth on the other, becomes a delicate, yet urgent matter. Panel IV looks into legal and regulatory concerns associated with these issues from a multi-disciplinary perspective.

10:30 – 10:45   Breathe Deep! Relaxation Quarter

10:45 – 11:00   Tea/Coffee Break

11:00 – 12:30   Panel V: Ethics, Economics and Artificial Intelligence

Going deeper into specific issues that challenge our current understanding of ethics and of the type of innovations that we, as a global society 'desire' or aspire towards, the fifth panel considers the interface of ethics, economics and legal instruments available, inter alia, to regulate innovations in the field of artificial intelligence. It further looks into, what, if any, are the 'common minimum standards' of ethics that can and are being imbibed into instruments and technologies employing artificial intelligence. Which laws and regulations, if any, guide the adoption of these common minimum standards and what modifications may be necessary in these laws and regulations?

Ethics in Innovation Conference 2017

12:30 – 13:45   Lunch

13:45 – 15:15   Panel VI: Information, Innovation and the Internet of Things

Technology today has not only made data, information, ideas, objects and people more accessible, but has also made it easier for them to communicate and remain in constant interaction with one another – knowingly or even unknowingly. What are the ethical implications of innovations in the age of 'Internet of Things'? Whither issues of data and information privacy? The 6th panel looks into these issues using an unusual and interdisciplinary approach.

15:15 – 15:30   Relax! Meditation Quarter

15:30 – 15:45   Tea/Coffee Break

15:45 - 17:15   Panel VII: Access, Affordability & Participation: Promoting Sustainable & Inclusive Innovations

Ethics not only requires companies to rethink their innovative focus and structures, but also to introduce new policies, and to reevaluate their incentive schemes. Issues like CSR, Corporate Citizenship or Corporate Sustainability Management become central to companies' core business, their R&D and innovation portfolios, and thus to their thriving in the future. At the same time, leading academics today recognize that the society is moving further from becoming an 'information society' to an 'innovation society'. In this scenario, it is necessary to ask if every individual in society is gaining equitable access to the resources and finances necessary to engage in the innovative process and bring innovative new products and processes to the market. Panel 7 accordingly looks into the economic and financial policies of major emerging and developed economies that are aimed at promoting sustainable and inclusive innovations, ensuring not just access and affordability, but equal opportunity of participation to all.

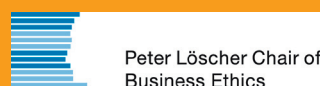**17:15 – 17:45   World Youth Forum Student Panel (II)**

17:45 – 18:30   Expert Group Discussion & Conference Closing

The conference finale will comprise of a group discussion, where panel chairs and other experts will consider means of promoting 'ethical innovations' in the ICT sector. The discussion will also include inputs from the audience in the form of comments and Q&As.

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